

Eric Dieters.

Frazer 1975-2009

Escapemen	Total return	R/S	Theoretical yield
0	0	0	0
25,000	105,944	4.24	80,944
50,000	182,151	3.64	132,151
75,000	234,883	3.13	159,883
100,000	269,226	2.69	169,226
125,000	289,304	2.31	164,304
150,000	298,444	1.99	148,444
175,000	299,320	1.71	124,320
200,000	294,073	1.47	94,073
225,000	284,403	1.26	59,403
250,000	271,656	1.09	21,656
275,000	256,885	0.93	-18,115
300,000	240,910	0.80	-59,090
325,000	224,359	0.69	-100,641
350,000	207,709	0.59	-142,291
375,000	191,314	0.51	-183,686
400,000	175,429	0.44	-224,571
425,000	160,235	0.38	-264,765
450,000	145,851	0.32	-304,149
475,000	132,348	0.28	-342,652

Upper Station early run 1975-2009

Escapemen	Total return	R/S	Theoretical yield
0	0	0	0
10,000	35,660	3.57	25,660
20,000	65,554	3.28	45,554
30,000	90,382	3.01	60,382
40,000	110,768	2.77	70,768
50,000	127,267	2.55	77,267
60,000	140,375	2.34	80,375
70,000	150,531	2.15	80,531
80,000	158,128	1.98	78,128
90,000	163,514	1.82	73,514
100,000	166,995	1.67	66,995
110,000	168,845	1.53	58,845
120,000	169,304	1.41	49,304
130,000	168,586	1.30	38,586
140,000	166,877	1.19	26,877
150,000	164,343	1.10	14,343
160,000	161,128	1.01	1,128
170,000	157,359	0.93	-12,641
180,000	153,146	0.85	-26,854

Upper Station late run 1975-2009

Escapemen	Total return	R/S	Theoretical yield
0	0	0	0
20,000	94,696	4.73	74,696
40,000	180,136	4.50	140,136
60,000	256,996	4.28	196,996
80,000	325,913	4.07	245,913
100,000	387,480	3.87	287,480
120,000	442,249	3.69	322,249
140,000	490,738	3.51	350,738
160,000	533,431	3.33	373,431
180,000	570,778	3.17	390,778
200,000	603,199	3.02	403,199
220,000	631,088	2.87	411,088
240,000	654,810	2.73	414,810
260,000	674,705	2.60	414,705
280,000	691,090	2.47	411,090
300,000	704,262	2.35	404,262
320,000	714,496	2.23	394,496
340,000	722,046	2.12	382,046
360,000	727,152	2.02	367,152
380,000	730,033	1.92	350,033

$$\begin{array}{r}
 164,304 \\
 + 80,531 \\
 + \underline{373,431} \\
 = 618,266
 \end{array}$$

Theoretical yield for Alitak District Sockeye.

- Why are the Sockeye not making it back to the Alitak District?? RC
- Why is this Fishery totally Depleted? SS

## Kodiak Management Area and Chignik Salmon Weir Counts Cumulative Escapement through 9-5-2019

Species	Count For 9-5-2019	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
<b>Chignik River: Weir pulled 8/19.</b>											
Sockeye Season Total	-	633,663	519,744	774,267	734,869	1,006,917	632,357	705,542	676,670	749,191	722,763
Late Run Sockeye	-	287,745	255,765	321,010	316,579	472,829	271,976	318,760	323,229	260,261	290,228
Chinook	-	1,517	825	1,137	1,843	2,054	2,895	1,253	1,449	2,728	3,679
Pink	-	18,073	2,445	121,321	468	5,306	3,171	7,231	2,849	16,298	3,670
Coho	-	282	57,181	31,853	6,609	2,851	15,572	16,783	2,663	5,293	5,152
Chum	-	67	54	609	90	54	58	72	73	145	95
<b>Karluk:</b>											
Sockeye	1,428	343,559	633,279	539,678	392,663	435,218	638,975	508,623	345,280	172,352	180,766
Late Run Sockeye	1,428	157,049	434,402	304,453	227,903	202,182	402,831	275,687	158,470	85,710	110,222
Chinook	3	3,883	3,155	2,600	3,434	2,777	1,182	1,824	3,197	3,420	2,916
Pink	6,404	338,937	2,275,207	184,701	359,629	290,825	585,222	90,295	1,039,810	129,143	1,314,530
Coho	34	2,592	14,533	6,497	5,311	1,107	2,357	3,582	1,919	426	1,389
<b>Ayakulik River: Weir pulled 8/28.</b>											
Sockeye	-	279,639	266,333	324,858	254,967	326,435	297,711	282,164	328,254	260,814	262,327
Late Run Sockeye	-	117,209	77,325	120,361	72,378	108,257	87,671	67,195	114,753	83,334	-
Chinook	-	1,948	2,149	3,712	4,594	2,392	917	2,369	4,760	4,316	5,301
Pink	-	27,172	378,084	26,001	60,155	66,451	529,582	37,105	459,908	19,144	532,428
Coho	-	5,206	3,333	1,219	2,390	1,833	24,127	20,594	12,159	11,953	227
<b>Dog Salmon Creek: Weir pulled 8/5.</b>											
Sockeye	-	162,697	232,526	141,912	150,469	235,813	217,461	129,369	154,416	180,603	135,100
Chinook	-	17	66	73	94	81	39	96	152	83	354
Pink	-	372,414	250,509	325,629	125,318	218,054	119,352	28,840	398,687	21,343	170,645
Coho	-	4	58	6	26	2	863	215	127	115	86
Jack Sockeye	-	44,978	62,052	29,624	5,294	44,463	20,897	-	-	-	-
Adult Sockeye	-	117,719	170,474	112,288	145,175	191,350	196,564	-	-	-	-
<b>Frazer Lake: Weir pulled 8/16.</b>											
Sockeye	-	169,627	201,161	129,227	122,585	219,093	200,296	136,059	148,884	134,058	92,949
Chinook	-	24	39	40	58	40	17	42	39	27	39
Pink	-	4,336	9	108	-	1,891	646	19	2	7	7,394
Jack Sockeye	-	53,798	60,037	32,691	3,124	-	-	-	-	-	-
Adult Sockeye	-	115,829	141,124	96,536	119,461	-	-	-	-	-	-
<b>Upper Station:</b>											
Sockeye	2,673	140,683	245,695	270,767	185,435	125,597	192,770	146,725	164,543	123,843	175,022
Late Run Sockeye	2,673	91,166	183,963	187,153	137,388	71,124	155,947	119,013	139,056	95,084	132,962
Pink	1,385	32,651	2,058	65,752	1,346	39,655	4,270	66,934	4,496	19,501	18,613
Coho	458	6,714	12,659	4,535	5,903	1,838	4,629	6,103	2,929	2,393	7,831
<b>Litnik: Weir pulled 8/12.</b>											
Sockeye	-	26,817	17,601	22,151	33,167	38,151	36,345	42,153	41,553	49,193	52,255
Pink	-	460	11,400	3,074	-	3,203	18,408	17,400	111,928	4,241	57,123
Coho	-	18	2,494	107	4	181	3,224	13,090	5,701	2,700	8,621
<b>Saltery Creek: Weir pulled 8/15.</b>											
Sockeye	-	22,183	22,845	39,315	57,867	42,468	31,772	39,697	28,188	30,768	26,809
Pink	-	579	905	2,549	2,133	3,784	8,325	9,073	19,639	5,135	3,107
<b>Buskin River:</b>											
Sockeye	0	12,290	4,279	7,216	11,187	8,608	13,882	16,077	8,469	11,973	9,780
Pink	433	51,470	40,207	16,448	21,225	53,559	48,860	103,999	74,316	9,218	15,004
Coho	0	110	950	64	883	153	2,779	3,011	469	1,814	922
<b>Pasagshak River: Weir pulled 8/16.</b>											
Sockeye	-	4,537	2,019	11,021	7,053	2,077	1,582	11,421	4,585	13,402	-
Pink	-	70	36	1	2	11	14	106	25	113	-
Coho	-	1	54	1	5	1	-	-	-	-	-